

Current Bag

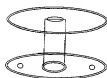


FIG. 1

Chamber Bag

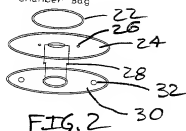


FIG. 2

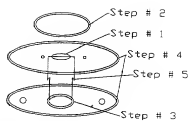


FIG. 3

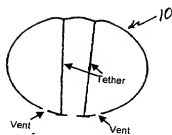


FIG. 4

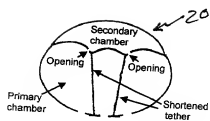
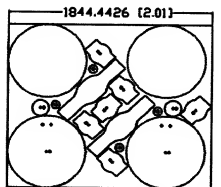


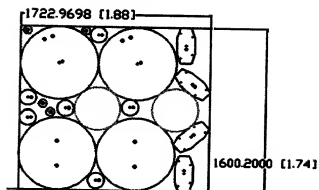
FIG. 5

Production Ford Taurus
Driver Airbag



Uses 1.005 Linear Yard/bag

New Two-Chamber
Driver Airbag



Uses 0.94 Linear Yard/bag

FIG. 6

FIG. 7

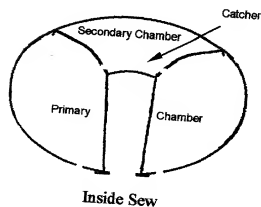
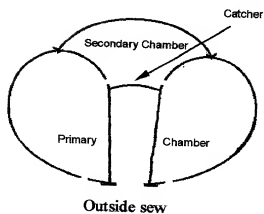


FIG. 8

FIG. 9

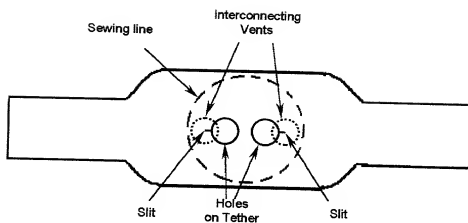


FIG. 10

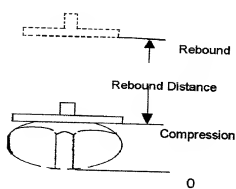


FIG. 11 A

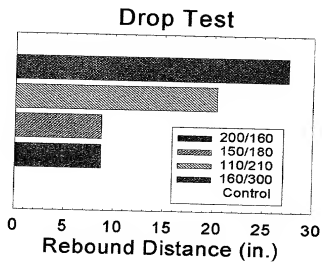


FIG. 11 B

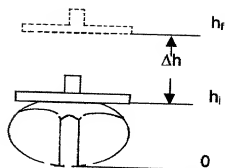


FIG. 12 A

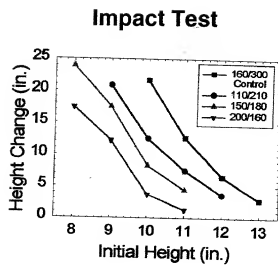


FIG. 12 B

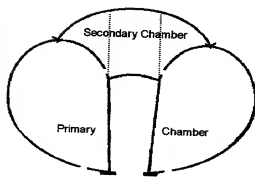


FIG. 13

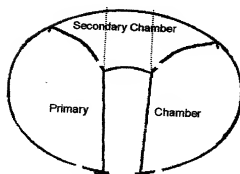


FIG. 14

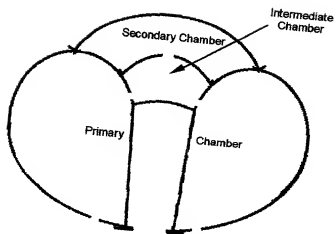


FIG. 15

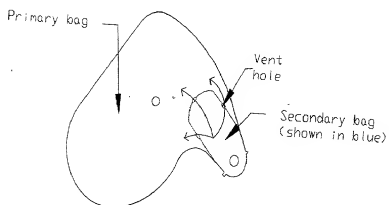


FIG. 16

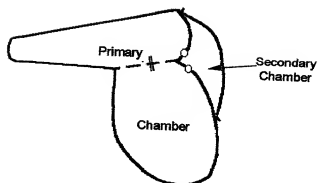


FIG. 17 Outside Sew

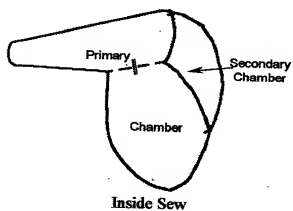


FIG. 18

Seam connecting half of tether to front panel
(note the small square piece is independent of this seam)

Seam on the top portion
attaching the front panel
to the top body panel

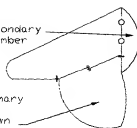
5mm seam allowance
to connect the small
piece to the outside



FIG. 19

Secondary chamber

Primary bag shown in Blue



Side view of finished bag

FIG. 20

STAGES OF DEPLOYMENT

Shown with small
secondary
chamber at the
head contact
portion

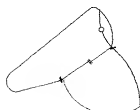


FIG. 21A

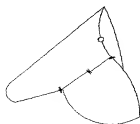


FIG. 22A

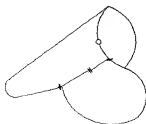
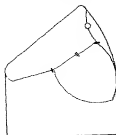


FIG. 23A

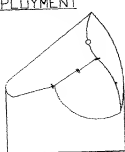
STAGES OF DEPLOYMENT

Shown with a
larger secondary
chamber across
the entire head
and thorax area



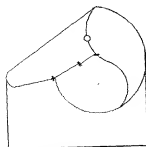
Excursion for
2 YR old
child

FIG. 21B



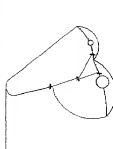
Excursion for
50% or small
female

FIG. 22B



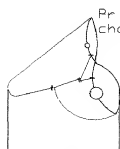
Excursion for
95% or large
male

FIG. 23B



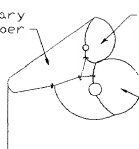
Excursion for
5 YR old
child

FIG. 24



Excursion for
50% or small
female

FIG. 25



Excursion for
95% or large
male

FIG. 26

Inflatable
chamber to
control head
and neck injuries

Inflatable chamber
to control viscous
criteria

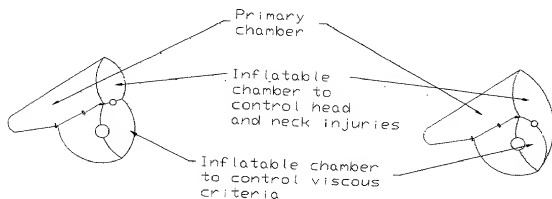


FIG. 27

FIG. 28

Current Bag

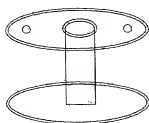


FIG. 29

Option #1
Smaller panel (in red)
sewn on the inside



Option #2
Smaller panel (in red)
sewn on the outside

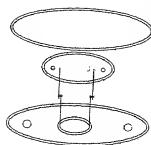
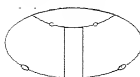


FIG. 30

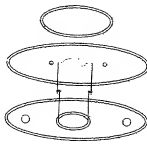
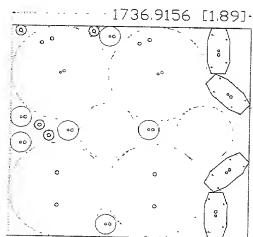
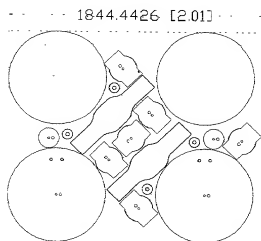


FIG. 31



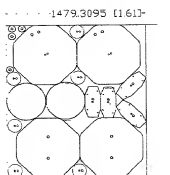
New and improved bag
uses 0.94 Ln.Yds. per
bag

FIG. 32



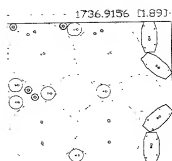
Production bag uses
1.005 Ln.Yds. per bag

FIG. 33



New and improved bag
with
octagon shaped panels
uses 0.805 Ln.Yds. per
bag

FIG. 34



New and improved bag
uses 0.94 Ln.Yds. per
bag

FIG. 35

Octagon shaped outer
panel

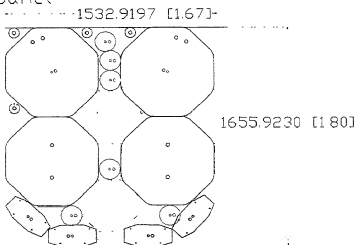


FIG. 36

Three chamber airbag

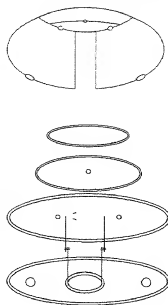


FIG. 38

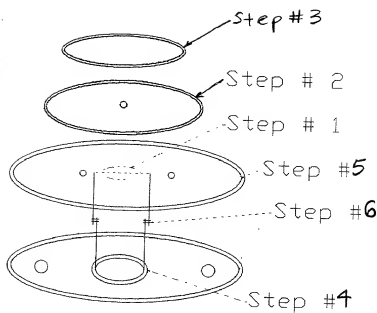
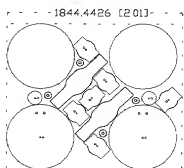


FIG. 37

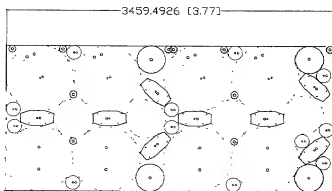
Production Ford
Taurus Driver Bag



Production bag uses
1.005 Ln.Yds. per bag

FIG. 39

Three Chamber Airbag



New and improved bag
uses 0.94 Ln.Yds. per
bag

FIG. 40

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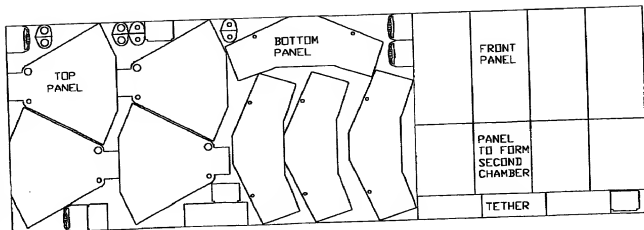
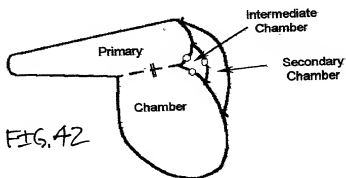


FIG. 41



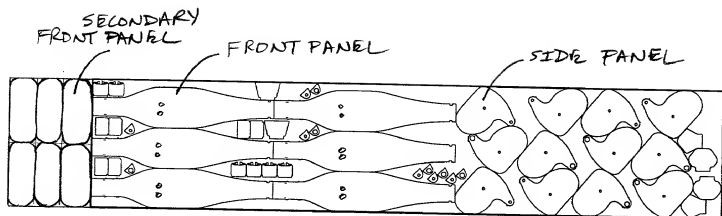


FIG. - 43 -

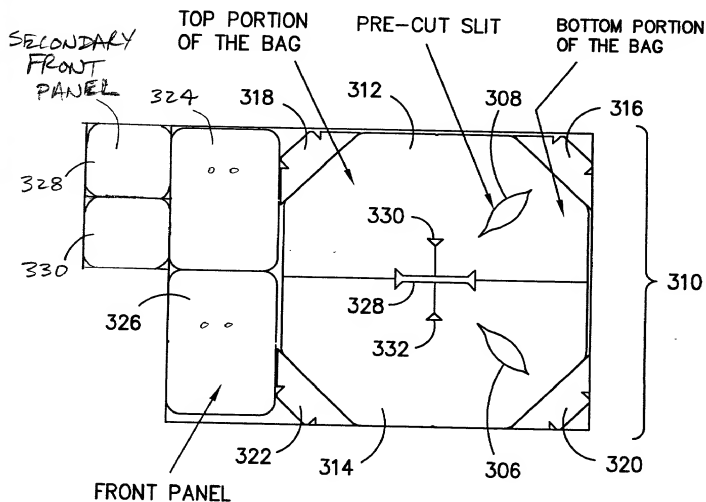


FIG. - 44 -